

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-7. (Canceled)

8. (Currently Amended) ~~The~~ A semiconductor device ~~according to claim 2,~~
~~having a plurality of diodes, and further comprising:~~

~~a bridge-rectifier circuit comprising the diodes, and rectifying that rectifies a~~
~~predetermined alternating-current voltage to a direct-current voltage. voltage and that~~
includes:

a plurality of diodes each of which includes:

an insulating substrate;

a p-type silicon layer, the p-type silicon layer containing germanium;

an intrinsic silicon layer joined to the p-type silicon layer; and

a n-type silicon layer joined to the intrinsic silicon layer,

the p-type silicon layer, the intrinsic silicon layer and the n-type silicon layer
being disposed on the insulating substrate,

the n-type silicon layer being a ring shape,

the intrinsic silicon layer being surrounded by the n-type silicon
layer, and

the p-type silicon layer being surrounded by the intrinsic silicon layer.

9-11. (Canceled)